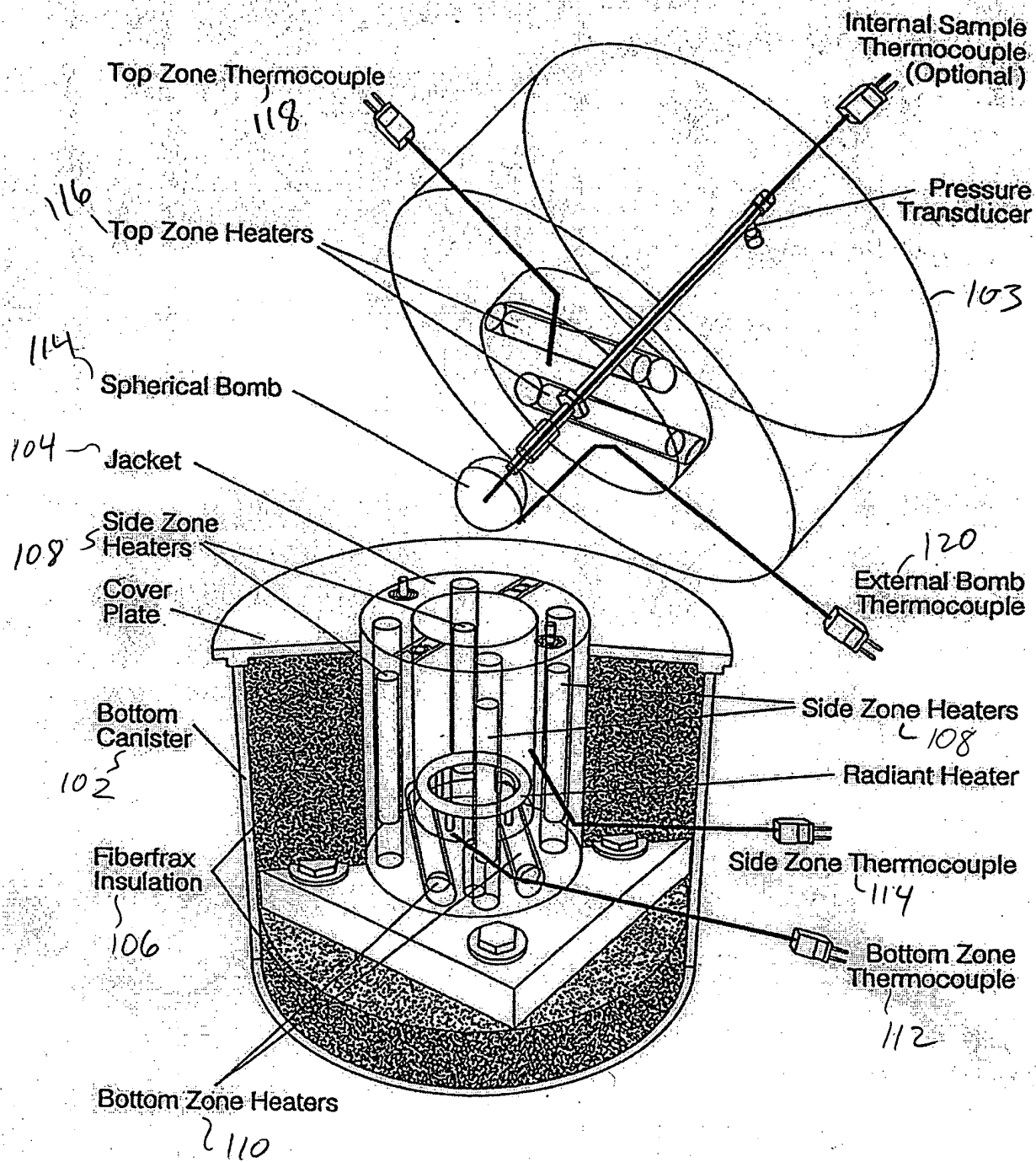


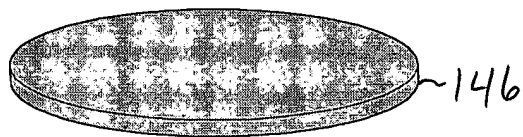
FIG. 1



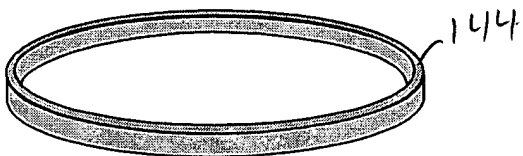
09473569-1299

F16.2

130
↓



Casing Top (Negative Terminal)



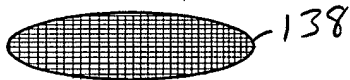
Gasket



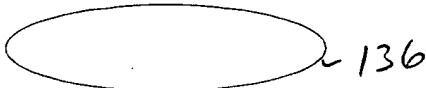
Stainless Steel Spacer



Lithium Metal (4)
Counter/Reference Electrode



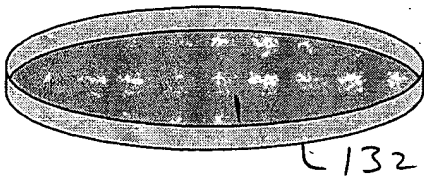
Stainless Steel Mesh



Separator (2)



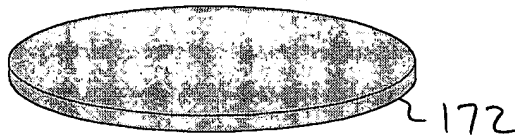
Working Electrode



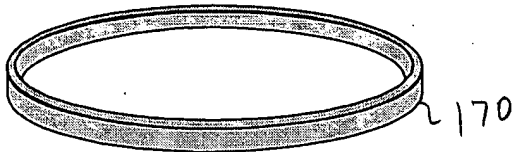
Casing Bottom (Positive Terminal)

66621-6962460

160
↓



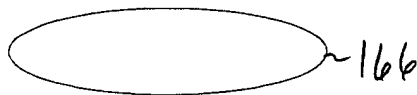
Casing Top (Negative Terminal)



Gasket



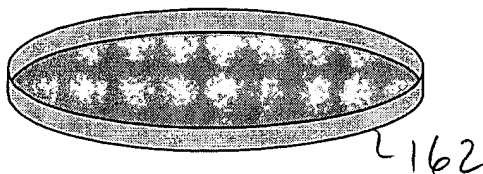
LiCoO₂ Electrode



Separator (3)



Carbon Electrode



Casing Bottom (Positive Terminal)

FIG. 3

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65622T-695E460

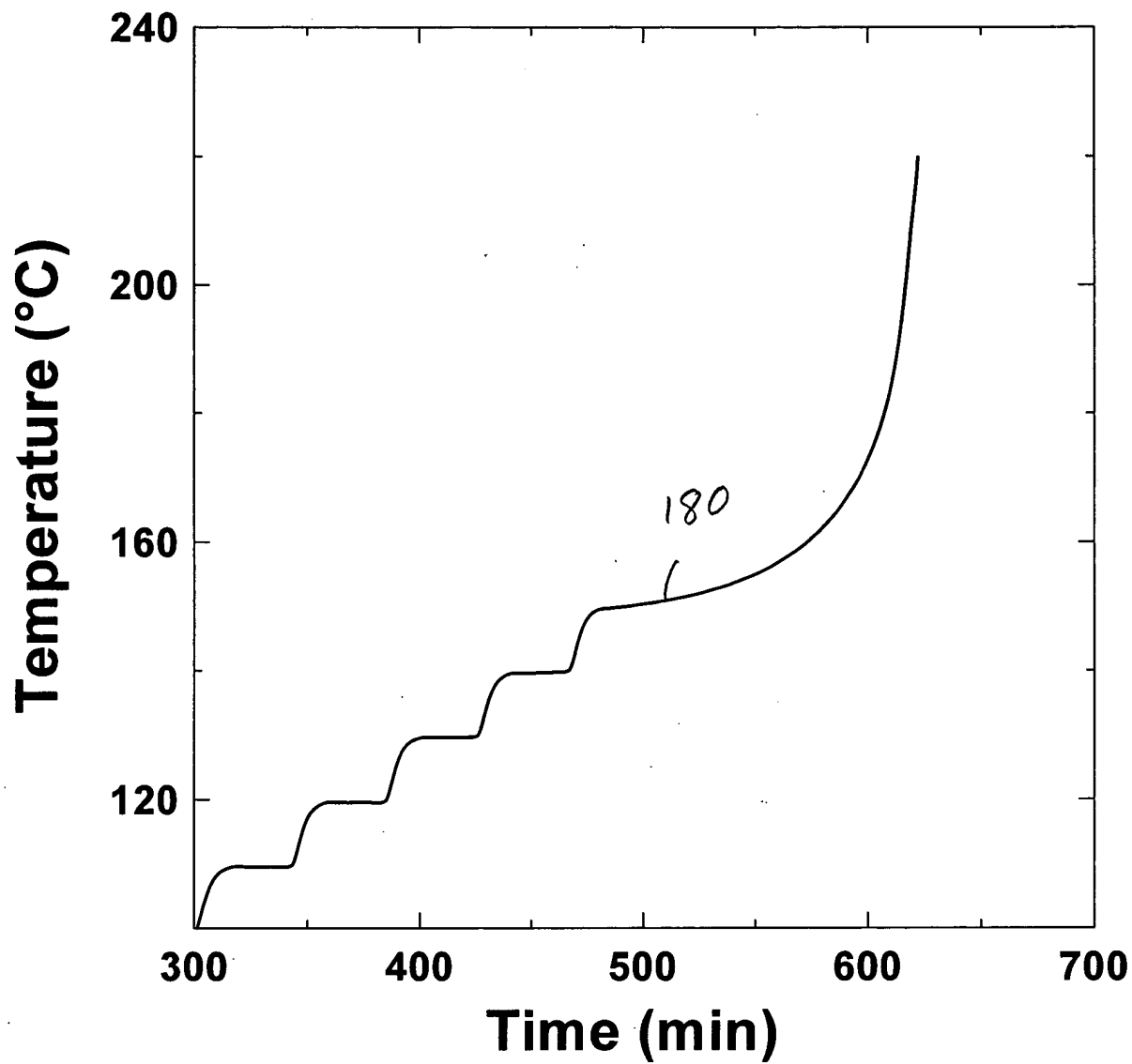
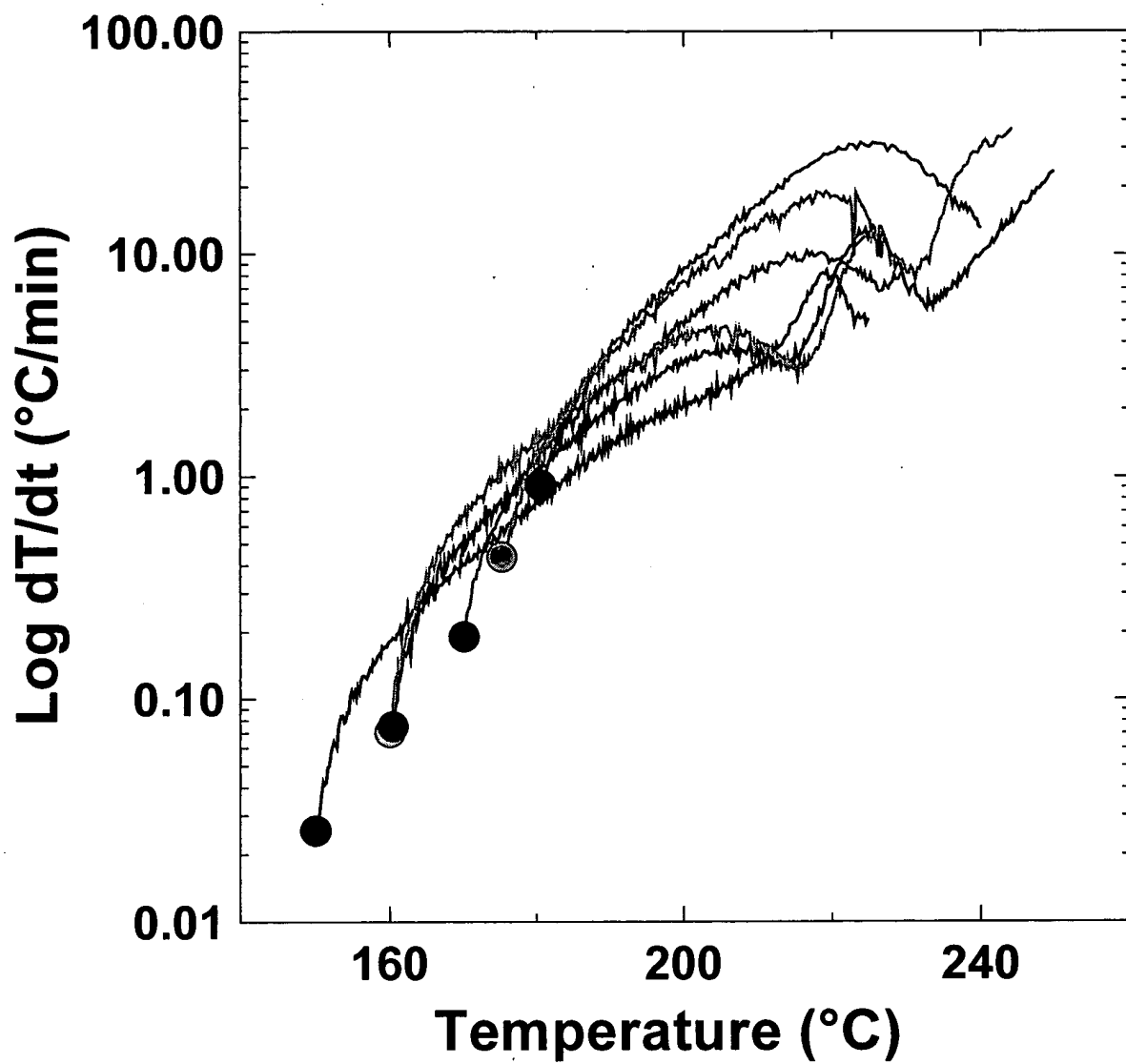


FIG. 4

66622T" 695E/450



n://happy/data/dean/papers/cobalt 1/fig 2.grf

Fig. 5

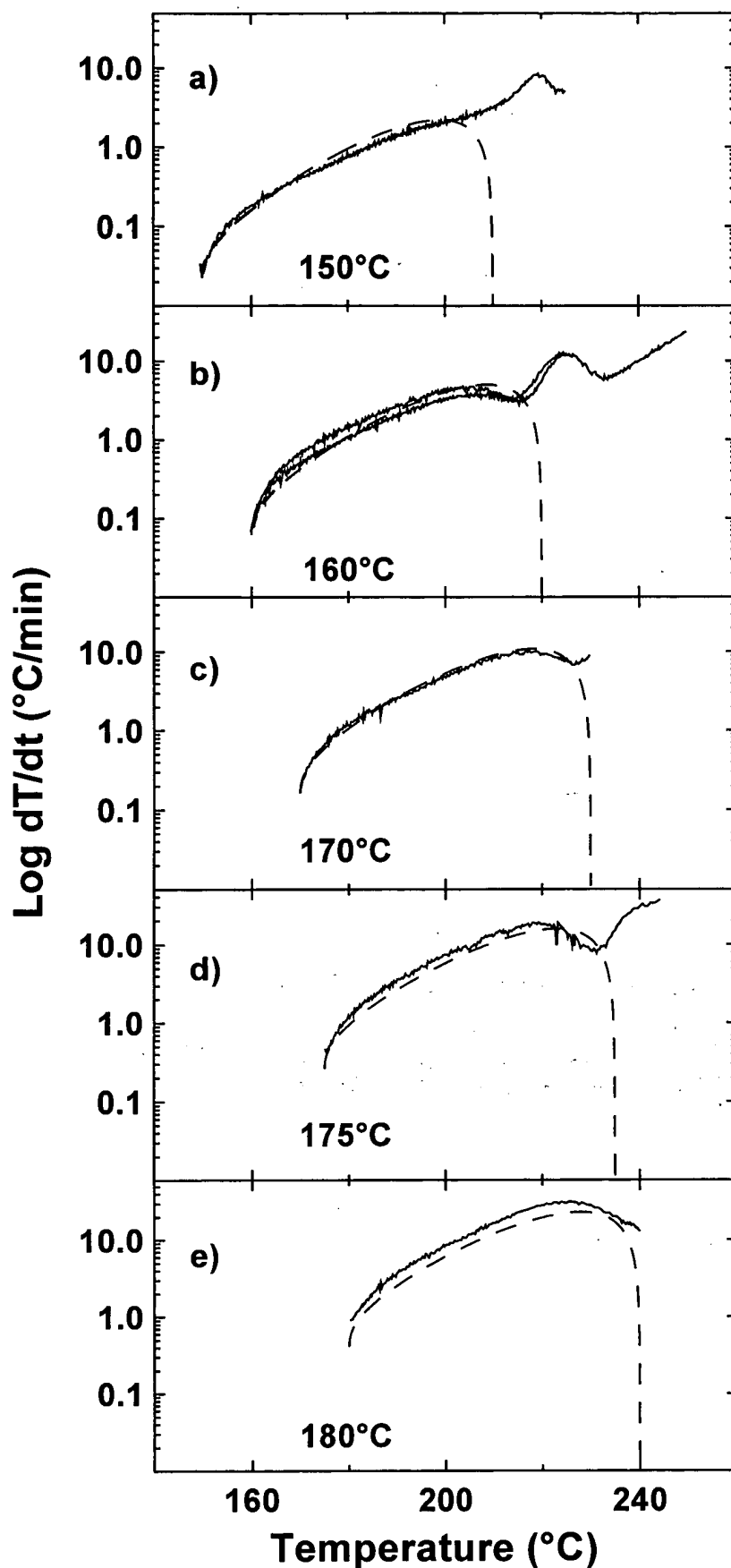


FIG. 6A

FIG. 6B

FIG. 6C

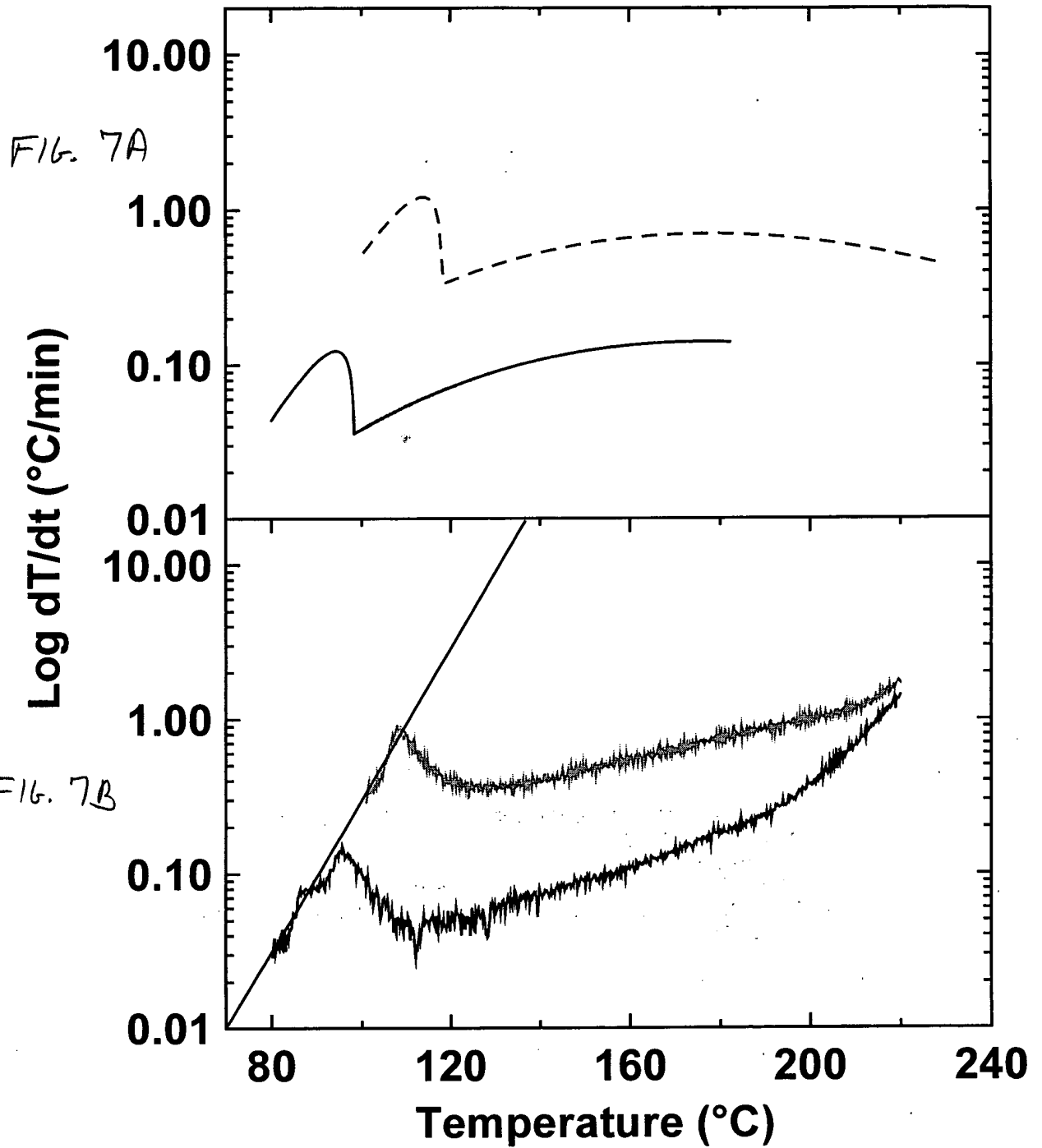
FIG. 6D

Figure 7. - $\text{Log } dT/dt$ versus T for Li_xCoO sample 1 at 4.2 V, initially heated to a) 150, b) 160, c) 170, d) 175 and e) 180 $^{\circ}\text{C}$. The dashed lines are the calculations using $E_a = 1$ eV, $\beta = 0.2$ and $\gamma = 1.9 \times 10^{16} \text{ min}^{-1}$.

FIG. 6E

$$X_1 = 0.75, X_2 = 0.1, X_3 + X_2 = 0.93, E_1 = E_2 = 1.4\text{eV}$$

$$h_1/C = 400, h_2/C = 150, \gamma_1 = 4 \cdot 10^{15}, \gamma_2 = 7.5 \cdot 10^{16}$$



06473569-12699

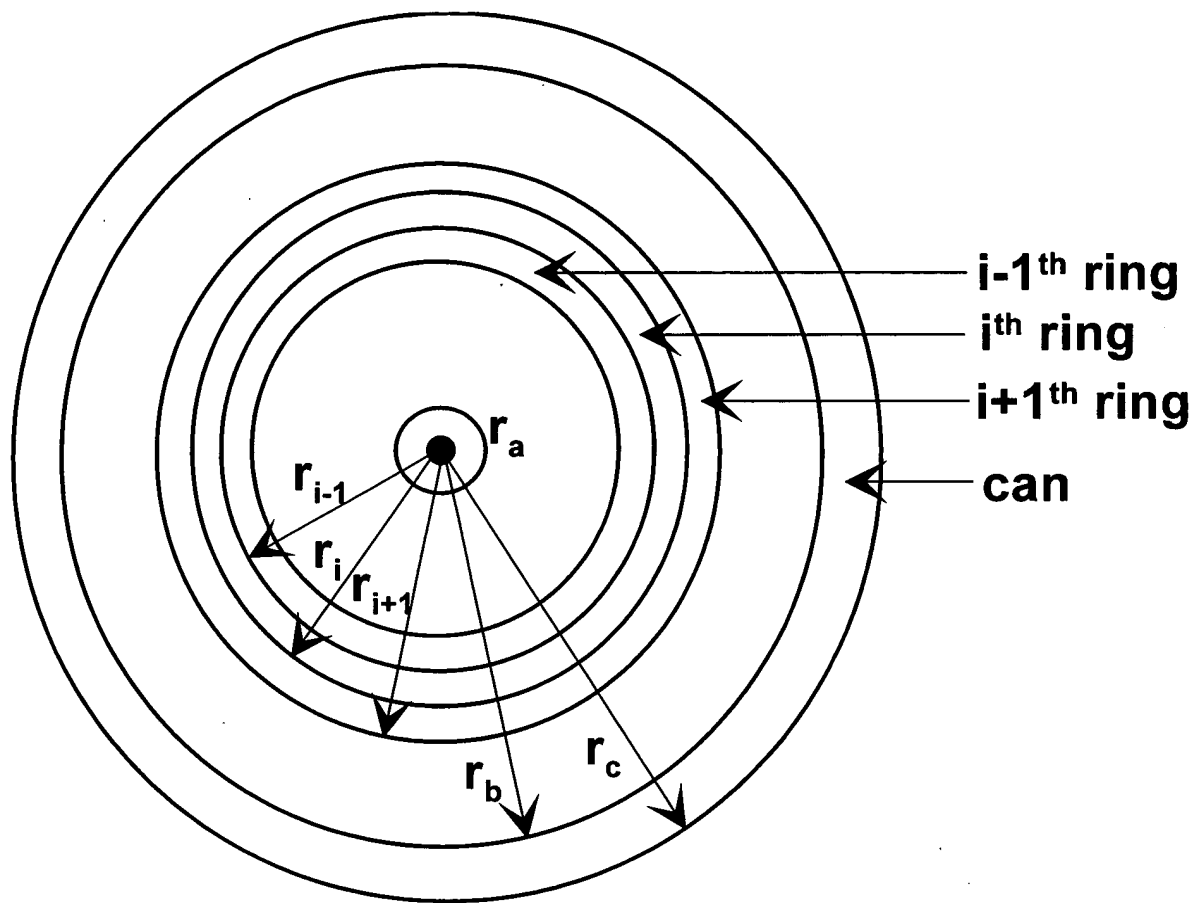


FIG. 8

06473569-122999

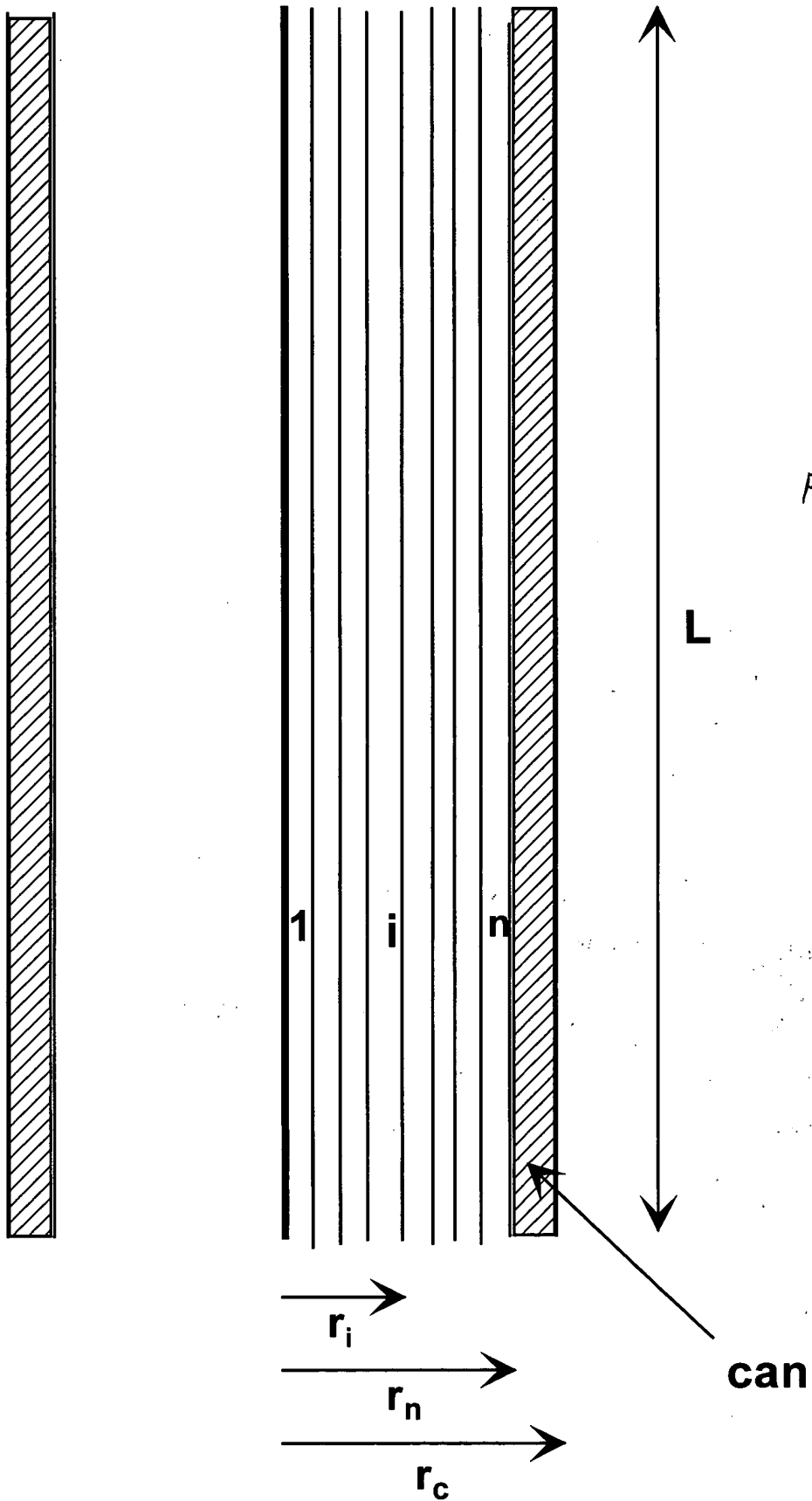
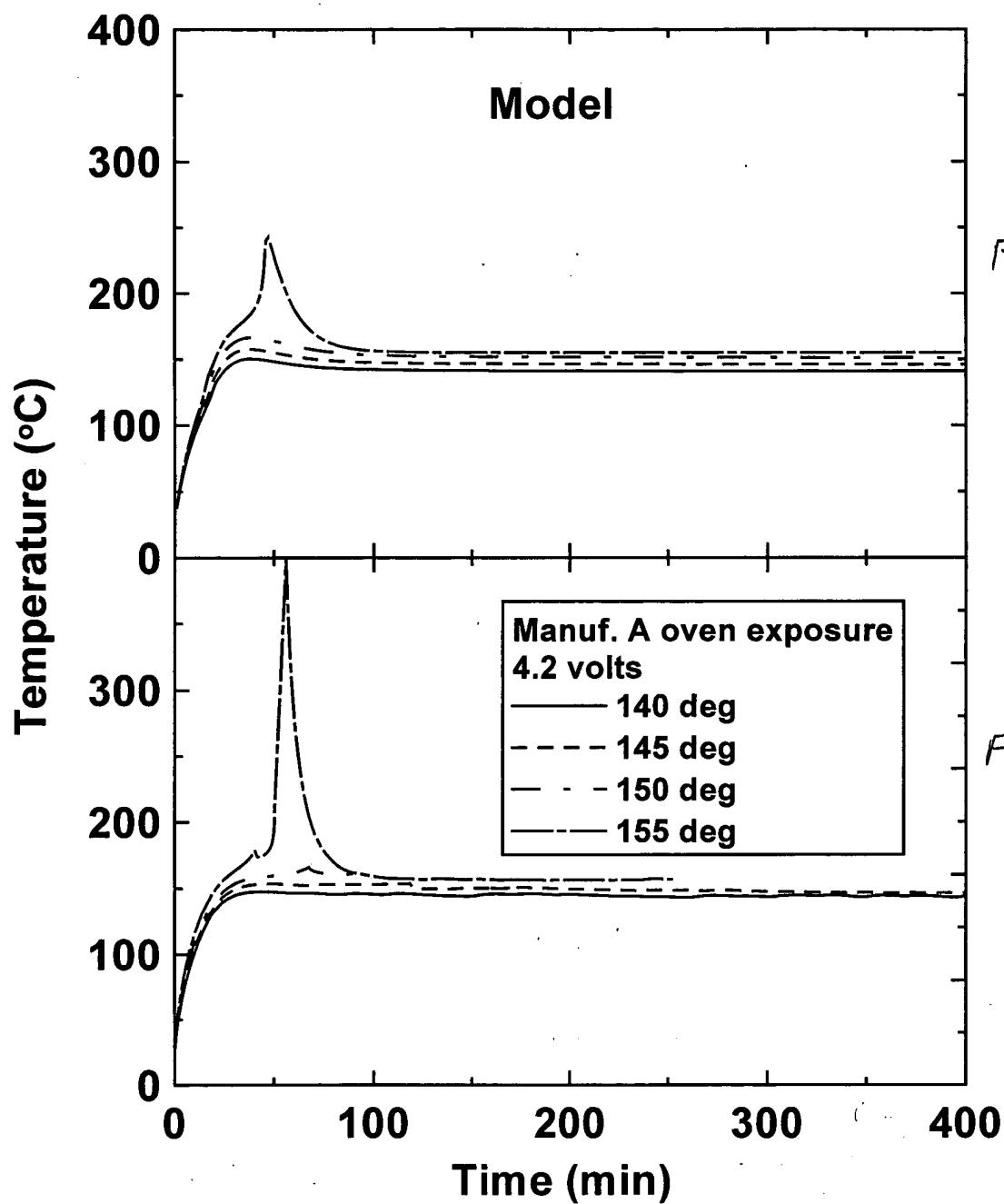


FIG. 9

65622T-695E2460



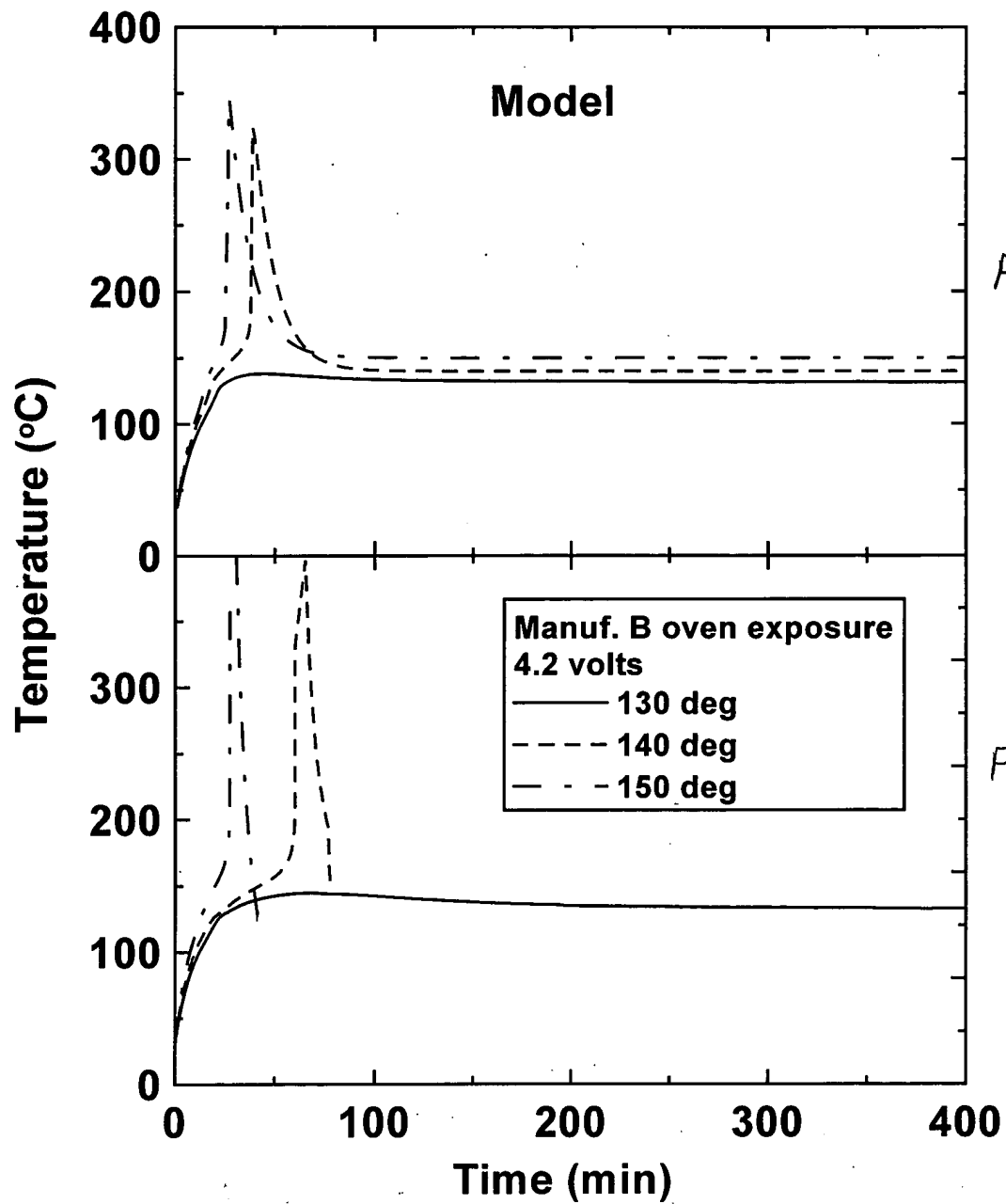


FIG. 11A

FIG. 11B

SCANNED

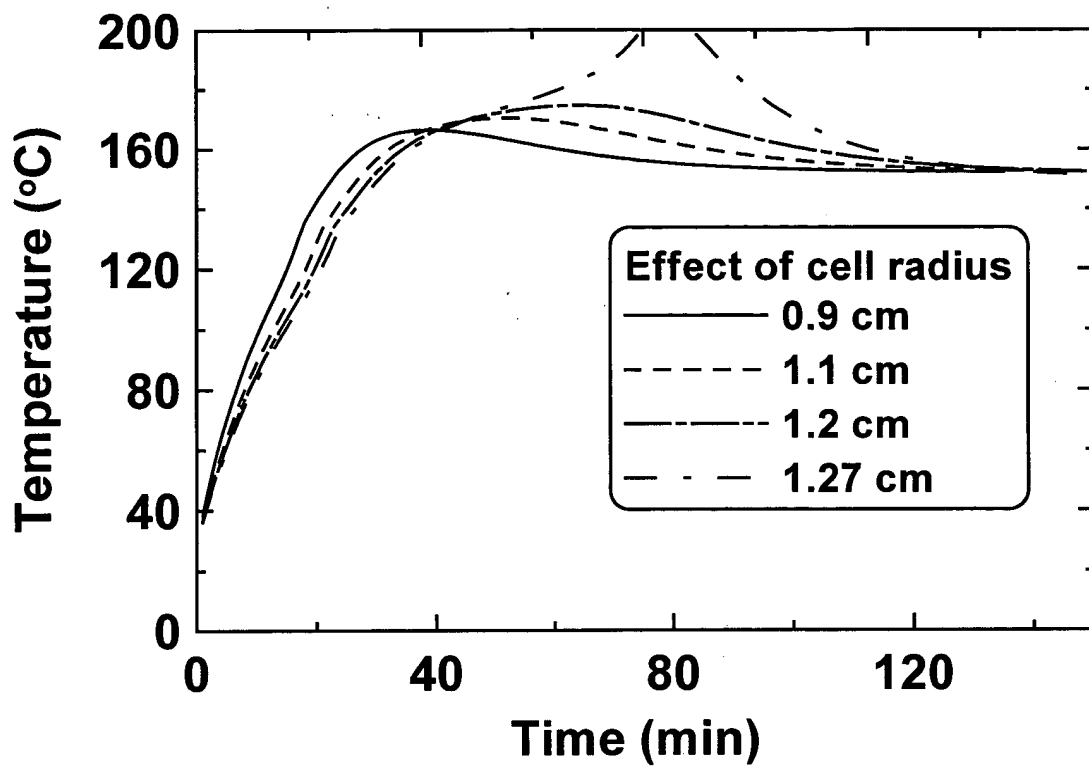


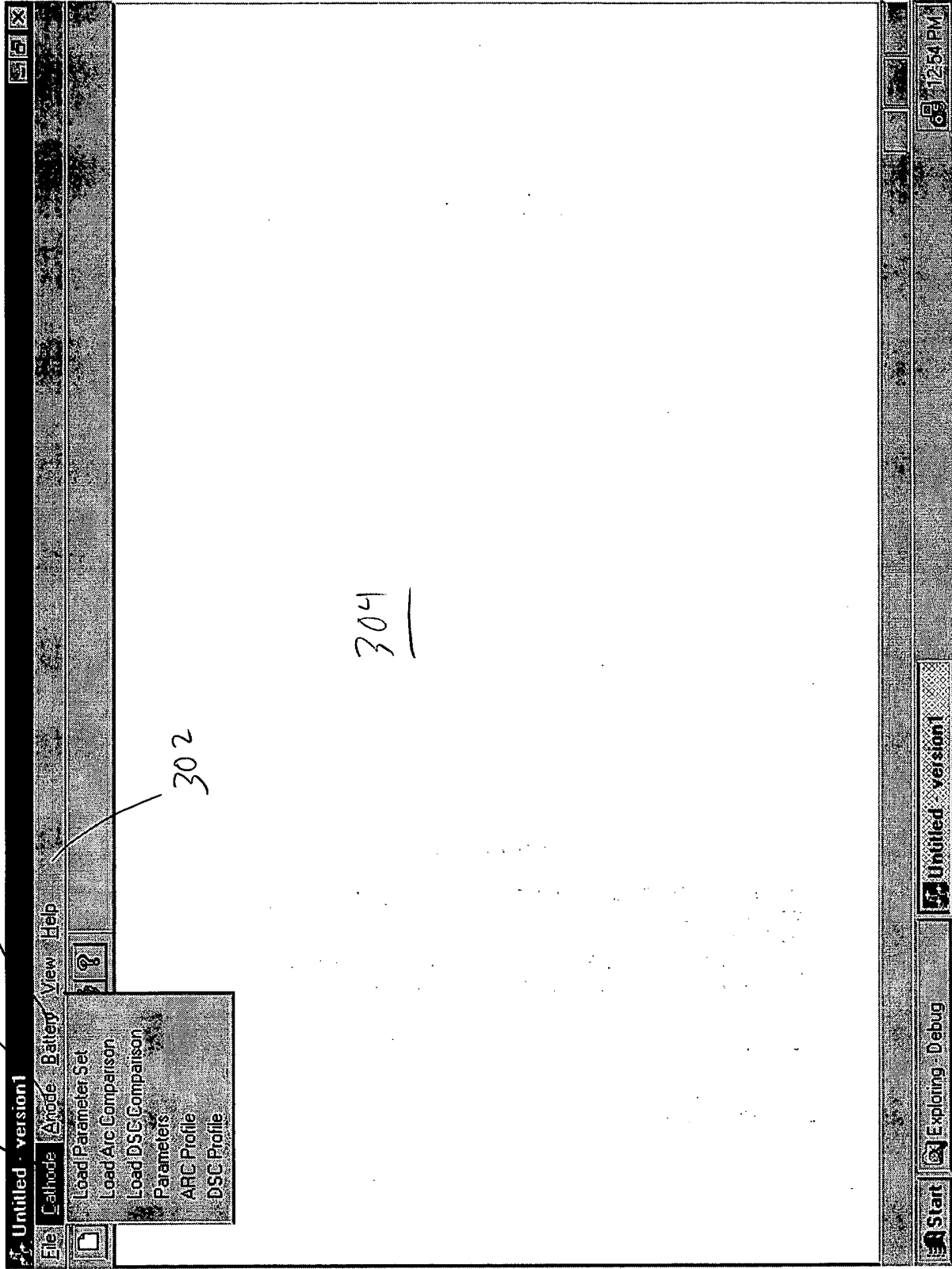
FIG. 12

65522T" 695E460

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FIG. 13

✓ 300



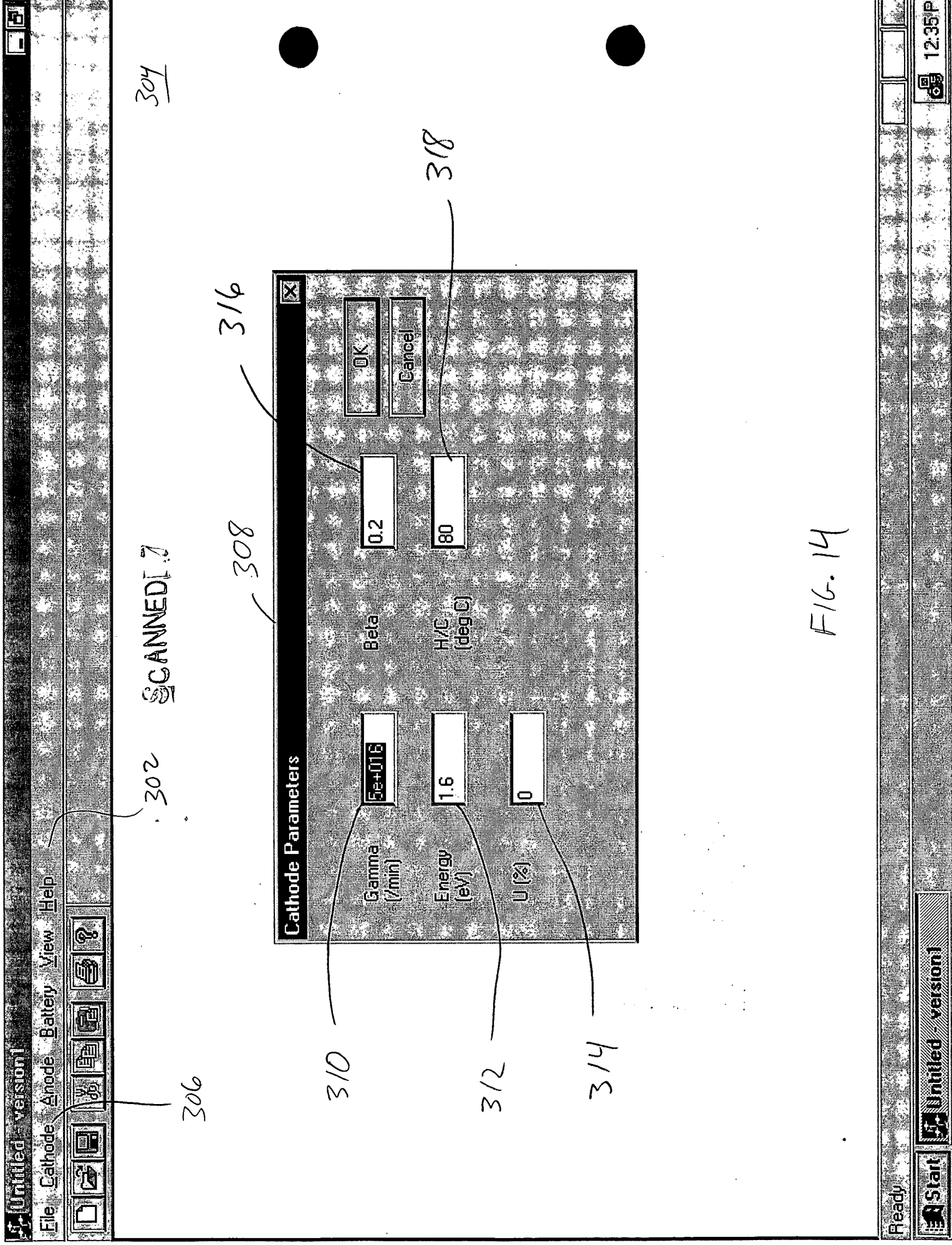


FIG. 14

06473569-122999

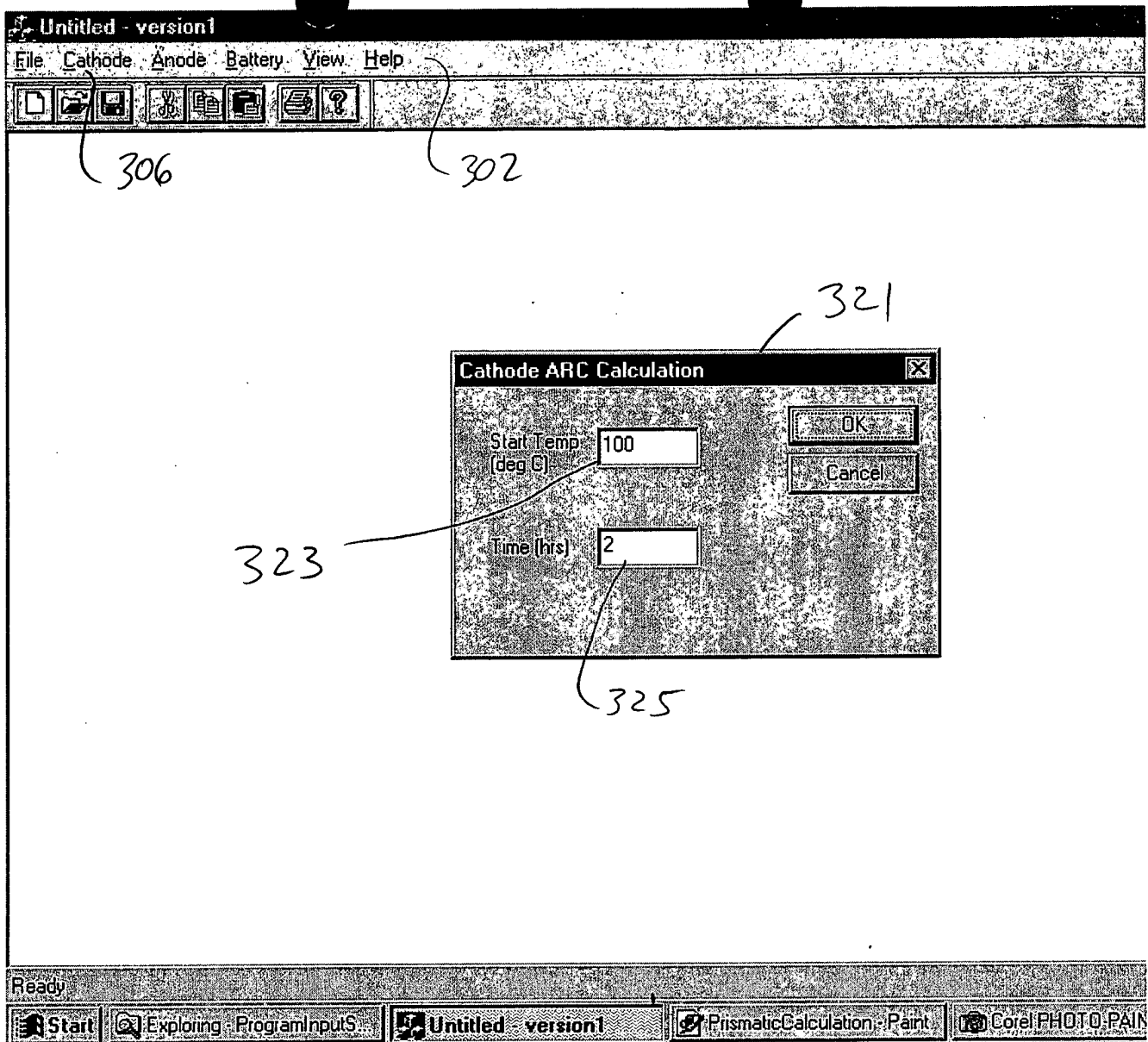


FIG. 15

SCANNED 77

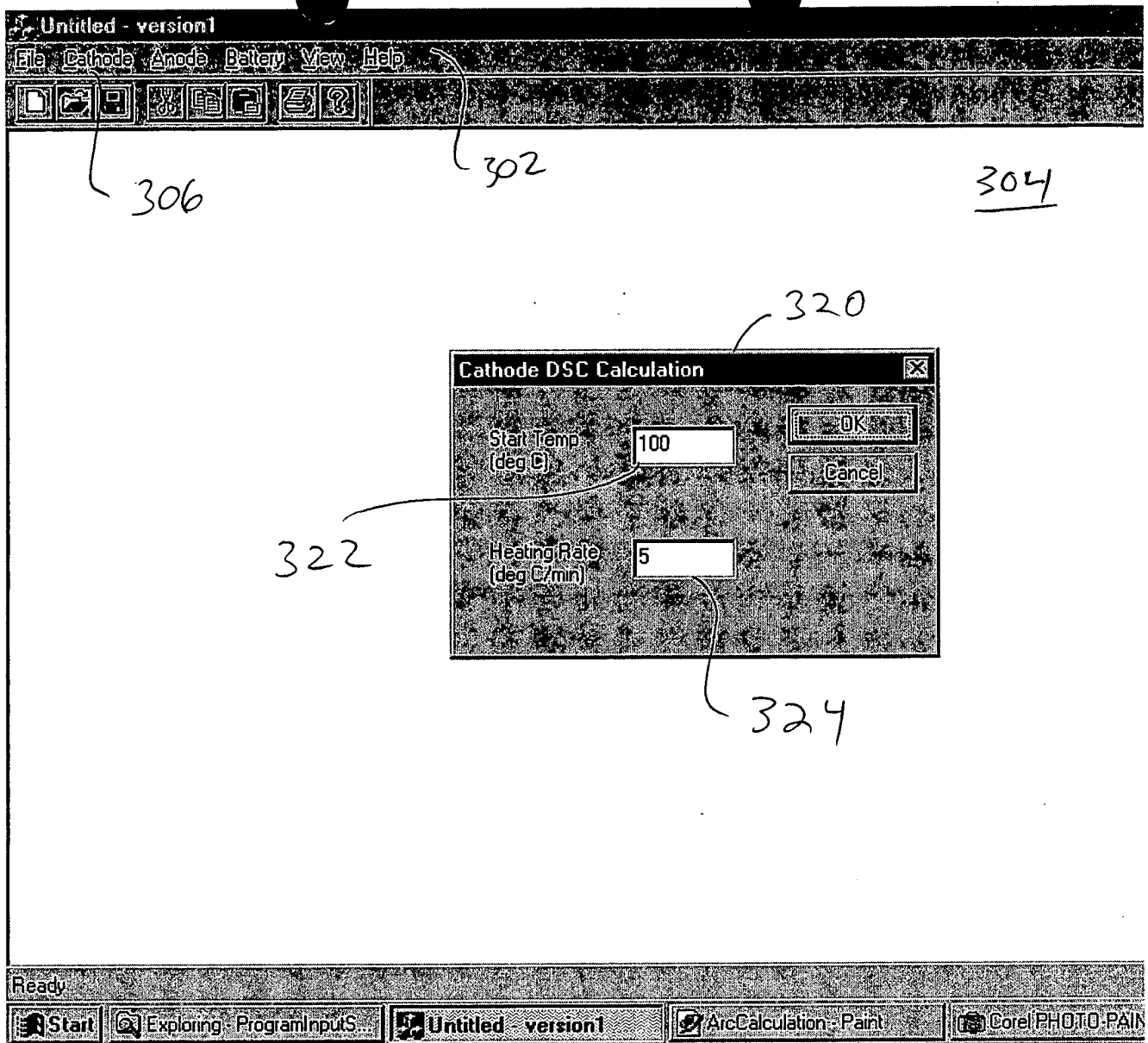
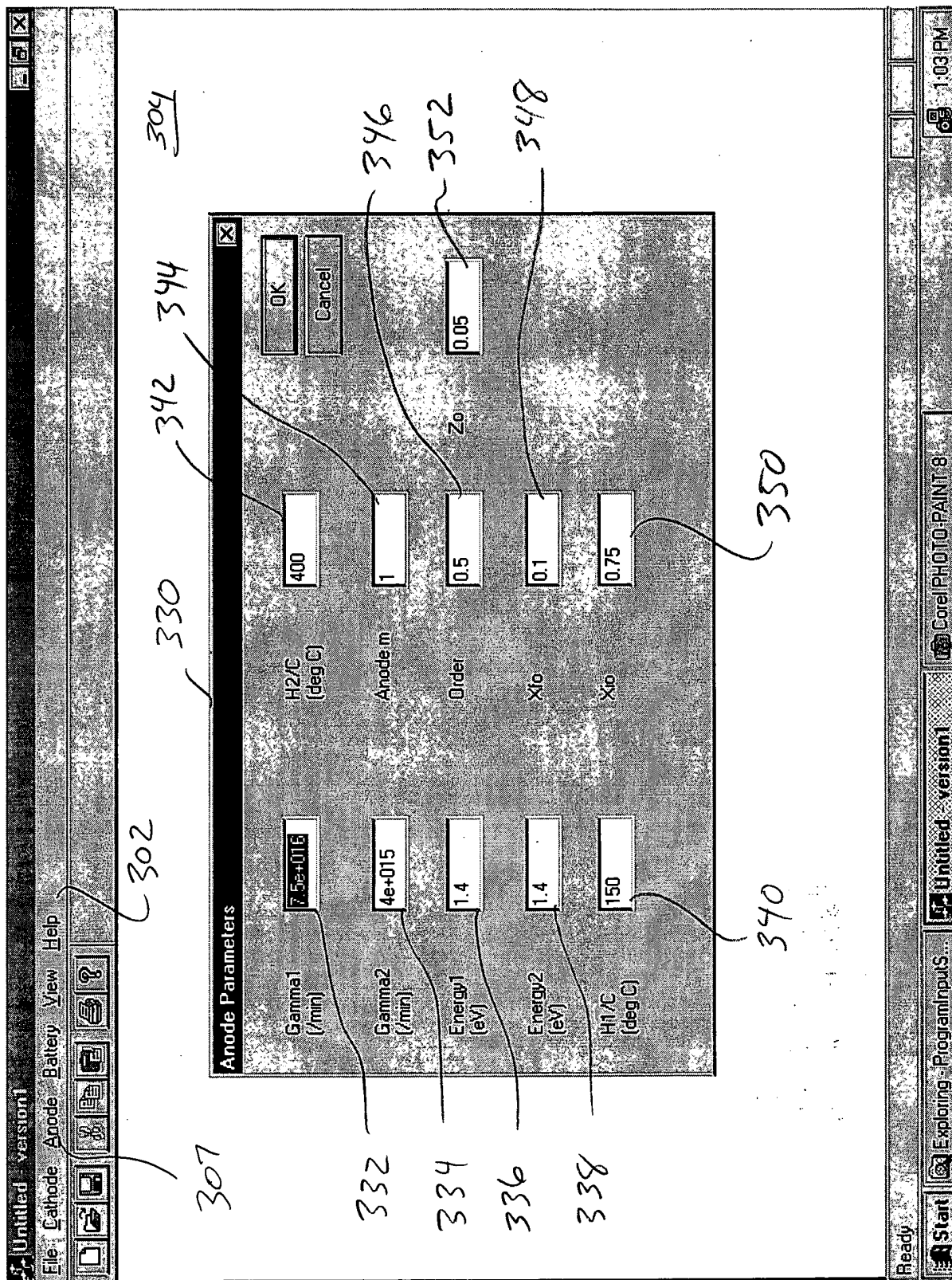


FIG. 16

65622T" 695E 2460
FIG. 17



309

Battery Parameters

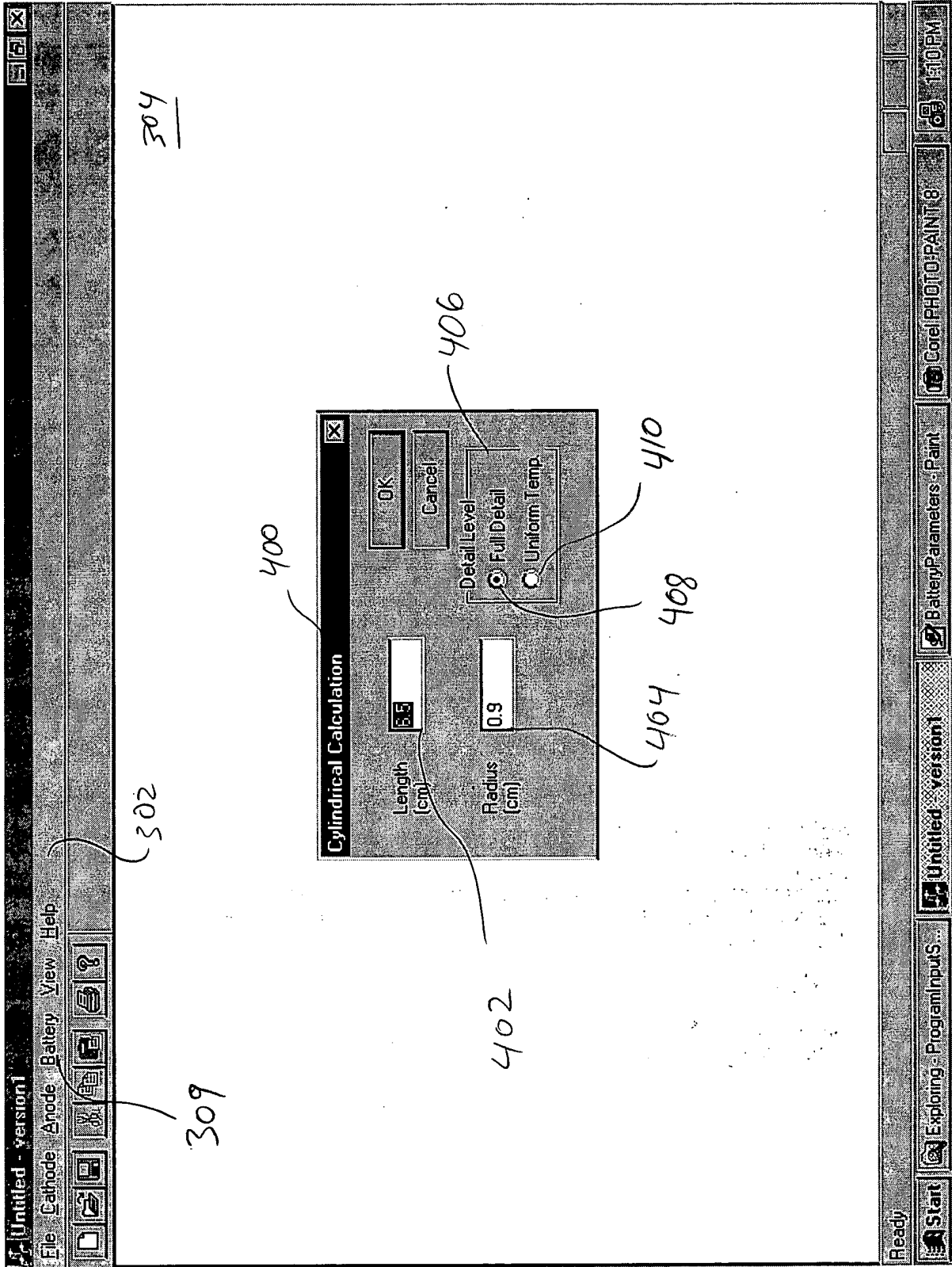
Time (hrs) Carbon Mass (g) Start Temp (deg C) Oven Temp (deg C) Density (g/cc) Heat Capacity (J/gK) Surface Conductivity (W/cm2K) Conductivity (W/cmK) Density (g/cc) Conductivity (W/cmK) OK Cancel

Can Parameters

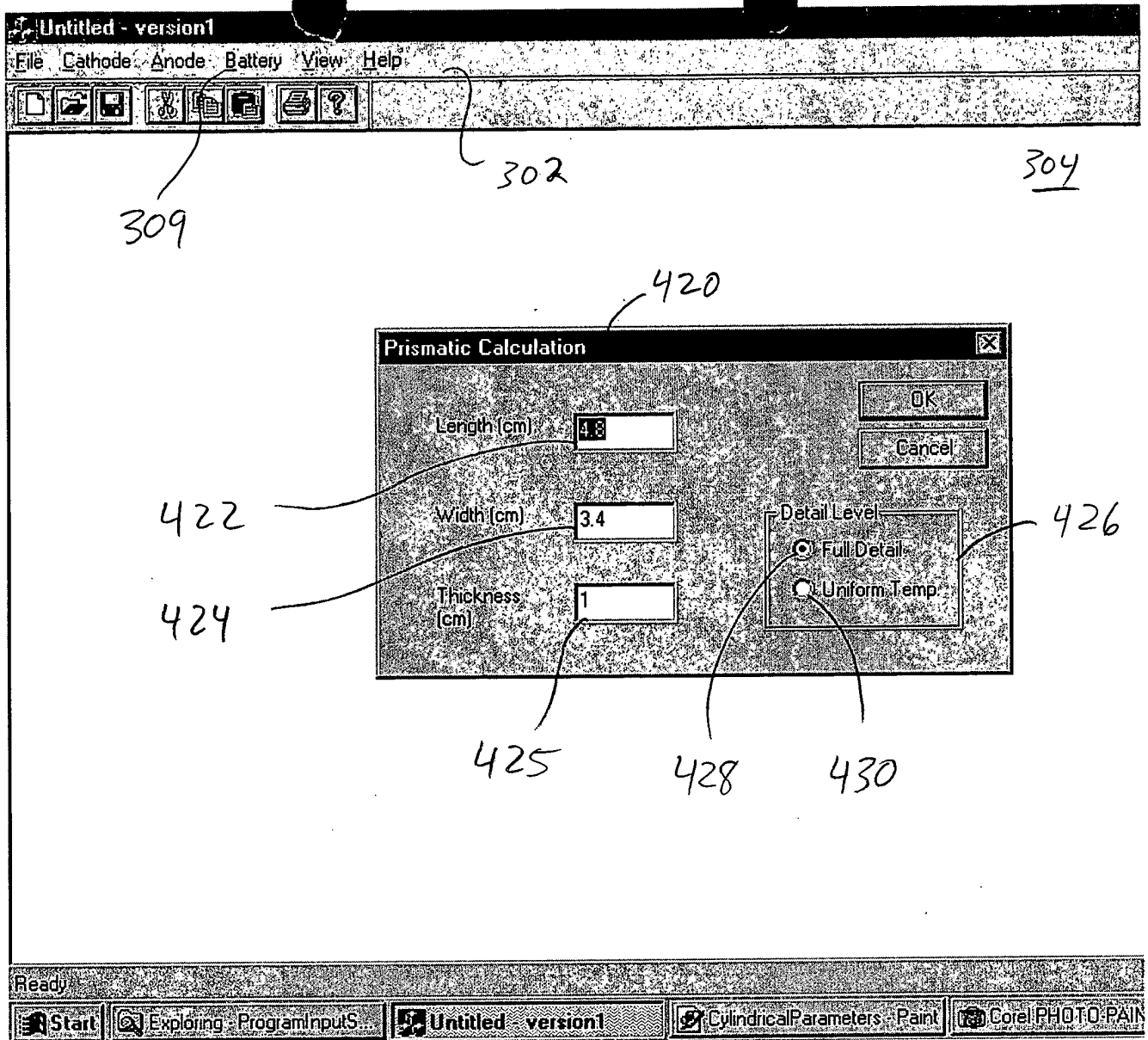
Geometry: ☒ Cylindrical ☐ Prismatic

Handwritten annotations: 302, 360, 368, 370, 374, 372, 376, 390, 392, 394, 388, 386, 384, 382, 362, 364, 366, 380, 304

556221" 595E/490 F76.19



09473569.122999



F16. 20